

Cylindrical roller bearings

N309-E-XL-TVP2 (Series N3..-E)

main dimensions to DIN 5412-1, non-locating bearing,
separable, with cage

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue selection system (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

d	45 mm
D	100 mm
B	25 mm
d ₁	64,4 mm
D _a max	91 mm
d _a min	54 mm
D _b min	90 mm
D _c max	87 mm
E	88,5 mm
F	58,5 mm
r ₁ min	1,5 mm
r _{a1} max	1,5 mm
r _a max	1,5 mm
r _{min}	1,5 mm
s	1 mm Axial displacement facility from central position
m	0,891 kg Mass
C _r	116000 N Basic dynamic load rating, radial
C _{0r}	99000 N Basic static load rating, radial

n_G	8500 1/min	Limiting speed
n_B	6400 1/min	Reference speed
C_{ur}	17300 N	Fatigue limit load, radial



